

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hirotaka NAKAGAWA, et al.

Serial No.: Not yet assigned

Filed: April 21, 2004

For: METHOD, DEVICE AND PROGRAM FOR MANAGING VOLUME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 21, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

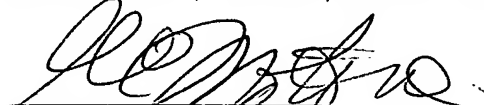
Although some of the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of relevance is satisfied by the discussion of the documents in the specification, for example, on pages two (2) and four (4).

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 501.43788X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS LLP



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Gregory E. Montone  
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Attachments

<b>Form PTO-1449</b>	<b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DKT. NO.</b> 501.43788X00	<b>SERIAL NO.</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b> Hirotaka NAKAGAWA, et al.	
		<b>FILING DATE</b> April 21, 2004	<b>GROUP</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
AM	2003-140836	05/16/2003	JP	G06F	3/06	X	
AN							
AO							
AP							
AQ							
AR							
AS							
AT							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AU	"Device Storage Services 2.7.; Device27_StorageServices.mof, Version 2.7.1, April 22, 2003
AV	
AW	
AX	
AY	
AZ	
<b>Examiner</b>	<b>Date Considered</b>